

Intertek C&E Management System		Page 1 of 3
Work Instruction (Inspection)		Document No.: WI-R-EMEA-CERT-INSP-PCS016
EMEA CERTIFICATION SCHEMES - PRODUCT CONTROL SPECIFICATIONS		
Issue Date:	Revision Date: 11 th Feb 2015	Approved by: Anders Delsborn
	Effective Date: 19 th Feb 2015	

1.0 Purpose

Product Control Specifications (PCS) specify the requirements for routine inspections, tests, Product Verification Tests and sample selection for products certified under an Intertek EU Type 5 certification scheme (including GS, S, BEAB, ASTA, ENEC, BAUART and TICK MARK). They are for use by manufacturers and by factory inspectors.

2.0 Scope

Products: Low-voltage fuses
Standards: IEC/BS EN 60269 series
Marks: ASTA, S, BAUART, TICK

3.0 Routine inspections and tests

3.1 General

Variations may be permitted by prior, written agreement from the certification body. The factory should have a quality plan defining all inspections and tests on materials, components and completed products as appropriate. Completed products shall be marked to confirm satisfactory completion of all required testing. Any products which fail inspection or testing shall be segregated and not allowed to continue through the process until rectified and re-inspected or retested. Products shall not be released until the testing equipment has been checked again following a production batch.

Records of inspections and test should be maintained and held for at least two years.

Records shall include:

- Type of product
- Date of test
- Place of manufacture
- Quantity tested
- Number of failures and actions taken

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3.2 Required inspections and tests

Inspection/test	Test parameters	Sampling plan
Components	Incoming and in-process inspection to specified requirements	Manufacturer to determine and justify
Sand quality	Correct supplier, grain size, purity	Each batch
Components for assembly	Confirm correct selection	Each batch and replenishment of components
Sand quantity after fill and settlement	Defined by manufacturer	100%
Dimensions	As required by the standard	Manufacturer to determine and justify
Cold resistance	Narrow acceptance band	100%
Visual	Correct assembly, marking, no cracks, endcaps secure	100%

4.0 Product Verification Tests/Periodic testing (refer to CIG 021 clause 4.8)

Product verification tests are in addition to the production line inspection and routine tests and are performed on samples taken randomly from the production line.

The manufacturer is responsible for conducting or arranging for the following periodic testing to be completed. Records shall be available for review during factory inspection visits.

Certification Mark	Frequency	PVT/periodic testing required
ASTA	Monthly: Samples to be selected from current production, types selected to include greatest variety of type over year.	Resistance Temperature rise, power dissipation Conventional non-fusing current Conventional fusing current Note: testing to be conducted at an ASTA Recognised Testing Laboratory. Reports to be submitted to the ASTA office in November each year.

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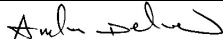
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5.0 Surveillance testing by the Certification Body

If required, samples are selected during the factory inspection and the manufacturer should send these to the address provided. If samples are required but not available at the time of the inspection, the manufacturer should send these as soon as they become available. If there is no stock or production, the manufacturer should advise the certification body that samples will not be provided due to no production.

The certification body will arrange for the required testing to be completed. This will be charged to the manufacturer or Licence holder. A report of the testing will be provided.

Certification Mark	Surveillance testing requirements
ASTA, S, BAUERT, TICK	Additional surveillance testing only necessary in the event of deviations detected during PVT of other issue arising.

Document History				
Revision No.	Date	Changes	Name & Title	
			Author	Approving Official
1	11/02/2015	Original issue	R W Hayward	

End of Document

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